



TECHNICAL DATA SHEET

ARKAFIX 720- TILE FIXING ADHESIVE

Description

ARKA FIX 720 (GREY) is a high-performance, polymer-modified cementitious tile adhesive specially formulated for fixing large-format vitrified tiles, ceramic tiles, porcelain tiles, natural stone, and granite on both floors and walls. Designed for superior bond strength and long-lasting durability, it provides excellent adhesion, slip resistance, and workability for demanding residential, commercial, and industrial applications. Its advanced formulation ensures reliable performance on interior and exterior surfaces, making it the ideal choice for heavy-duty tile installation projects.

Areas of Application

- Large-format vitrified and porcelain tile installation
- Granite and natural stone fixing
- Interior wall and floor tile applications
- Exterior façades, balconies, and terrace tile installations
- Commercial, industrial, and high-traffic flooring applications

Technical Parameters

Sr.No	Particulars of Test	Result	Test Method Followed
			IS 15477 (RA 2019)
1	Shear Adhesion (Dry Condition) (in N/mm ²) a) 72 ± 1hr (3 days) b) 168 ± 2hr (7 days) c) 672 ± 4hr (14 days) d) 672 ± 4hr (28 days)	0.56 1.08 1.36 1.45	IS 15477 (RA 2019)
2	Open Time (min)	60	IS 15477 (RA 2019)
3	Pot Life (min)	130	IS 15477 (RA 2019)
4	Adjustment time (min)	100	IS 15477 (RA 2019)
5	Shear Adhesion (Heat Aging)	1.21	IS 15477 (RA 2019)
6	Shear Adhesion (Wet Condition)	1.29	IS 15477 (RA 2019)
7	Tensile Adhesion (Dry Condition)	1.29	IS 15477 (RA 2019)
8	Deformability	4.6	IS 15477 (RA 2019)
9	Slip(mm)	0.13	IS 15477 (RA 2019)

Surface Preparation

- Ensure substrate is clean, dry, and sound.
- Remove dust, grease, paint, curing compounds.
- Pre-wet absorbent surfaces (without leaving standing water).

Mixing Instructions

- Pour clean water into a vessel.
- Add powder while mixing using a slow-speed mixer.
- Mix 3–5 minutes to form a smooth paste.
- Allow to stand for 5 minutes, then remix.
- Mixing Ratio (Powder : Water)- 3: 1

Application Method

- Apply adhesive with flat side of notched trowel.
- Comb adhesive with notched side for uniform thickness.
- Fix tiles within open time and press firmly.
- Clean excess material before it dries.
- Allow 24–48 hours before heavy traffic.

Supply

20 KG Bag



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